

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
8 January 2004 (08.01.2004)

PCT

(10) International Publication Number
WO 2004/003049 A1

(51) International Patent Classification⁷: C08G 18/44, (74) Agents: PETERS, Carolyn, V. et al.; Office of Intellectual
C09D 175/06, 5/00
Property Counsel, Post Office Box 33427, Saint Paul, MN
55133-3427 (US).

(21) International Application Number:

PCT/US2003/016598

(22) International Filing Date: 28 May 2003 (28.05.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2002-187576 27 June 2002 (27.06.2002) JP

(71) Applicant (for all designated States except US): 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): OKUYAMA, Takahide [JP/JP]; 1547-2, Kazama, Yamagata, Yamagata 990-2221 (JP). KOYAMA, Takeshi [JP/JP]; 30-2-301, Minami-Karasuyama, 1-chome, Setagaya, Tokyo 157-0062 (JP).

(81) Designated States (national): AE, AG, AL, AM, AT (utility model), AI, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE (utility model), EE, ES, FI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK (utility model), SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, Iu, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2004/003049 A1

(54) Title: PRIMER COMPOSITION AND BONDED STRUCTURE

(57) Abstract: There is provided a primer composition capable of effectively enhancing anti-plasticizer property and water resistance even without curing of the primer layer, and a bonded structure. A primer composition forms a primer layer, containing a polymer, of a paint film formed by painting and drying on a surface to be painted; and a bonded structure includes: a base material, a primer layer containing a polymer sticking fast to the base material, and an adhesive sheet having an adhesive layer stuck fast to the primer layer. The polymer contains a polycarbonate polyurethane having a repeated unit derived from polycarbonate polyol in a molecule thereof.

Best Available Copy